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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,450	09/16/2003	Naoki Hiraoka	021312A	2503
23850 73	590 04/03/2006		EXAMINER	
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K STREET, NW			WEBB, GREGORY E	
SUITE 1000			ART UNIT	PAPER NUMBER
WASHINGTON, DC 20006			1751	
			DATE MAILED: 04/03/2006	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
Office Action Summary		10/662,450	HIRAOKA ET AL.			
		Examiner	Art Unit			
		Gregory E. Webb	1751			
	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply					
WHICH - Extens after S - If NO p - Failure Any re	PRTENED STATUTORY PERIOD FOR REPLY HEVER IS LONGER, FROM THE MAILING DAISONS of time may be available under the provisions of 37 CFR 1.13 IX (6) MONTHS from the mailing date of this communication. Deriod for reply is specified above, the maximum statutory period we to reply within the set or extended period for reply will, by statute, ply received by the Office later than three months after the mailing of patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim rill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	 lely filed the mailing date of this communication. O (35 U.S.C. § 133). 			
Status			,			
1) ⊠ F	Responsive to communication(s) filed on <u>19 Ja</u>	nuary 2006.				
,	This action is FINAL . 2b) This action is non-final.					
• —	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
C	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Dispositio	n of Claims					
4 5)□ (6)⊠ (7)□ (Claim(s) <u>9-12</u> is/are pending in the application. a) Of the above claim(s) is/are withdraw Claim(s) is/are allowed. Claim(s) <u>9-12</u> is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or					
Applicatio	n Papers					
10)□ T A F	he specification is objected to by the Examiner the drawing(s) filed on is/are: a) access applicant may not request that any objection to the correction of the correcti	epted or b) objected to by the Edrawing(s) be held in abeyance. See on is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).			
Priority un	nder 35 U.S.C. § 119					
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some color None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.						
2) Notice 3) Informa	of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-948) ation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal Pa				

Office Action Summary Taylor

Application/Control Number: 10/662,450 Page 2

Art Unit: 1751

DETAILED ACTION

Response to Amendment

The following is in response to the applicant's arguments and amendments filed 1/19/06. The examiner has considered the applicant's arguments, but is not persuaded in removing the prior art rejections.

The applicant argues that the prior fails to teach or suggest the initial mixing concentration of the oxidizing agent being less than the target concentration required for the process.

However, in continuous processes the concentration of the oxidizing agent would vary.

For example, the prior art continuous mixing processes that regulate the concentration of oxidizing agent would have concentration values both above and below the target concentration. Hence the instant case and in the prior art use a concentration detector for measuring the oxidizer concentration and would at some point in the process have a concentration below that of the target concentration. As such, the prior art clearly reads on the applicant's limitation of having an initial concentration set below the target value.

Claim Rejections - 35 USC § 102

- 1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
- 2. Previous rejections over claims 9-12 are maintained for those reasons set forth above.

Conclusion

3. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Art Unit: 1751

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory E. Webb whose telephone number is 571-272-1325. The examiner can normally be reached on 9:00-17:30 (m-f).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglass McGinty can be reached on (571)272-1029. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gregory E. Webb Primary Examiner Art Unit 1751